

07/19/01  
JC9796 U.S. PTO



07-20-01  
Attorney Docket No.: YOR920010243US1

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

APPLICANT(S): Arun Kwangil Iyengar

ASSIGNEE  
NAME: International Business  
Machines Corporation

ASSIGNEE  
RESIDENCE: Armonk, New York

TITLE: Methods and Apparatus for Clustering  
and Prefetching Data Objects

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 8 pages of Specification, 5 pages of Claims and 1 page of Abstract  
3 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
Assignment and Recordation Form Cover Sheet  
Information Disclosure Statement with Form PTO-1449 and cited references

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	25-20 =	5	x \$18 =	\$90
Independent Claims	4-3 =	1	x \$80 =	\$80
Multiple Dependent Claim(s), if applicable			\$270 =	\$0
Basic Fee				\$710
			TOTAL FEE:	\$880

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$880, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

"Express Mail" Label No. EL7935174034  
I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated  
below and is addressed to: Assistant Commissioner for Patents,  
Washington, D.C. 20231.

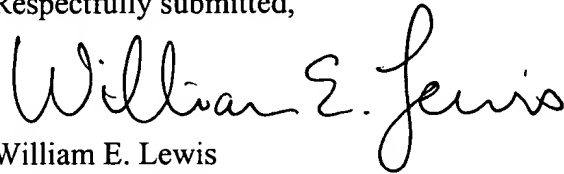
Date of Deposit: July 19, 2001

Signature: Judy E. Ryan

JC9796 U.S. PTO  
09/909287  
07/19/01

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully submitted,



Date: July 19, 2001

William E. Lewis  
Reg. No. 39,274  
Attorney for Applicant(s)  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-2946

106T20" 48260660